

SEQUENCE LISTING

<110> O'Brien, Timothy J.
 Cannon, Martin J.
 Santin, Alessandro

<120> Methods for the early diagnosis of ovarian cancer

<130> D6223CIP/A/D/CIP

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 Val Leu Gln Glu Ala Arg Val Pro Ile
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Figure 1 consists of seven bar charts, labeled (a) through (g), each representing a different protein type (I, II, III, IV, V, VI, VII). The y-axis for all charts is 'Percentage of total protein' ranging from 0 to 100. The x-axis for all charts is 'Protein type' with categories A, B, C, D, E, F, and G. Each chart displays four bars corresponding to different treatment conditions: Control (white), 100 mg/kg (light gray), 200 mg/kg (medium gray), and 400 mg/kg (dark gray). The data shows varying distributions of protein types across fractions A through G under different treatment conditions.

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Ala Leu Val Asp Gly Lys Ile Cys Thr
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[illegible]

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Gly Ala His Leu Cys Gly Gly Ser Leu

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Gln Ala Ser Pro His Gly Leu Gln Leu
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Cys Pro Arg Gly Arg Phe Leu Ala Ala
5

<210> 131

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 152-160 of the hepsin protein

<400> 131

Asp Cys Gly Arg Arg Lys Leu Pro Val
5

<210> 132

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 363-371 of the hepsin protein

<400> 132

Ile Ser Arg Thr Pro Arg Trp Arg Leu
5

<210> 133
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 133-141 of the hepsin protein

<400> 133
Ile Val Gly Gly Arg Asp Thr Ser Leu
5

<210> 134
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 331-339 of the hepsin protein

<400> 134
Gln Ile Lys Pro Lys Met Phe Cys Ala
5

<210> 135
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 80-88 of the hepsin protein

<400> 135
Arg Ser Asn Ala Arg Val Ala Gly Leu
5

<210> 136
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 179-187 of the hepsin protein

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Ser Leu Arg Tyr Asp Gly Ala His Leu
5

<210> 137

<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 43-51 of the hepsin protein

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Leu Leu Arg Ser Asp Gln Glu Pro Leu
5

<210> 138
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 409-417 of the hepsin protein

<400> 138
Glu Ala Ser Gly Met Val Thr Gln Leu
5

<210> 139
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 311-319 of the hepsin protein

<400> 139
Glu Ala Arg Val Pro Ile Ile Ser Asn
5

<210> 140
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 222-230 of the hepsin protein

<400> 140
Val Ala Gln Ala Ser Pro His Gly Leu
5

<210> 141
<211> 9
<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 19-27 of the hepsin protein

<400> 141

Ala Ala Leu Thr Ala Gly Thr Leu Leu
5

<210> 142

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 18-26 of the hepsin protein

<400> 142

Val Ala Ala Leu Thr Ala Gly Thr Leu
5

<210> 143

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 184-192 of the hepsin protein

<400> 143

Gly Ala His Leu Cys Gly Gly Ser Leu
5

<210> 144

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 224-232 of the hepsin protein

<400> 144

Gln Ala Ser Pro His Gly Leu Gln Leu
5

<210> 145

<211> 9

<212> PRT

<213> *Homo sapiens*

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<223> Residues 44-52 of the hepsin protein

<400> 149

Leu Arg Ser Asp Gln Glu Pro Leu Tyr
5

<210> 150

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 155-163 of the hepsin protein

<400> 150

Arg Arg Lys Leu Pro Val Asp Arg Ile
5

<210> 151

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 213-221 of the hepsin protein

<400> 151

Ser Arg Trp Arg Val Phe Ala Gly Ala
5

<210> 152

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 166-174 of the hepsin protein

<400> 152

Gly Arg Asp Thr Ser Leu Gly Arg Trp
5

<210> 153

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 369-377 of the hepsin protein

<400> 153
Trp Arg Leu Cys Gly Ile Val Ser Trp
5

<210> 154
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 180-188 of the hepsin protein

<400> 154
Leu Arg Tyr Asp Gly Ala His Leu Cys
5

<210> 155
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 96-104 of the hepsin protein

<400> 155
Leu Arg Ala Leu Thr His Ser Glu Leu
5

<210> 156
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 396-404 of the hepsin protein

<400> 156
Phe Arg Glu Trp Ile Phe Gln Ala Ile
5

<210> 157
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 123-131 of the hepsin protein

<400> 157
Gly Arg Leu Pro His Thr Gln Arg Leu

<210> 158
 <211> 9
 <212> PRT
 <213> *Homo sapiens*

<220>

<223> Residues 207-215 of the hepsin protein

<400> 158
 Glu Arg Asn Arg Val Leu Ser Arg Trp
 5

<210> 159
 <211> 9
 <212> PRT
 <213> *Homo sapiens*

<220>

<223> Residues 209-217 of the hepsin protein

<400> 159
 Asn Arg Val Leu Ser Arg Trp Arg Val
 5

<210> 160
 <211> 9
 <212> PRT
 <213> *Homo sapiens*

<220>

<223> Residues 14-22 of the hepsin protein

<400> 160
 Ser Arg Pro Lys Val Ala Ala Leu Thr
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<210> 161
 <211> 9
 <212> PRT
 <213> *Homo sapiens*

<220>

<223> Residues 106-114 of the hepsin protein

<400> 161
 Val Arg Thr Ala Gly Ala Asn Gly Thr
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<210> 162
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 129-137 of the hepsin protein

<400> 162
Gln Arg Leu Leu Glu Val Ile Ser Val
5

<210> 163
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 349-357 of the hepsin protein

<400> 163
Cys Gln Gly Asp Ser Gly Gly Pro Phe
5

<210> 164
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 61-69 of the hepsin protein

<400> 164
Ala Arg Leu Met Val Phe Asp Lys Thr
5

<210> 165
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 215-223 of the hepsin protein

<400> 165
Trp Arg Val Phe Ala Gly Ala Val Ala
5

<210> 166
<211> 9

<212> PRT
 <213> *Homo sapiens*

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 <223> Residues 143-151 of the hepsin protein

 <400> 166
 Gly Arg Phe Leu Ala Ala Ile Cys Gln
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 <210> 167
 <211> 9
 <212> PRT
 <213> *Homo sapiens*

 <220>

 <223> Residues 246-254 of the hepsin protein

 <400> 167
 Phe Arg Asp Pro Asn Ser Glu Glu Asn
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 <210> 168
 <211> 9
 <212> PRT
 <213> *Homo sapiens*

 <220>

 <223> Residues 132-140 of the hepsin protein

 <400> 168
 Leu Glu Val Ile Ser Val Cys Asp Cys
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 <210> 169
 <211> 9
 <212> PRT
 <213> *Homo sapiens*

 <220>
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 <223> Residues 91-99 of the hepsin protein

 <400> 169
 Glu Glu Met Gly Phe Leu Arg Ala Leu
 5

 <210> 170
 <211> 9
 <212> PRT
 <213> *Homo sapiens*

<220>

<223> Residues 264-272 of the hepsin protein

<400> 170

Ser Ser Pro Leu Pro Leu Thr Glu Tyr
5

<210> 171

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 310-318 of the hepsin protein

<400> 171

Gln Glu Ala Arg Val Pro Ile Ile Ser
5

<210> 172

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 319-327 of the hepsin protein

<400> 172

Asn Asp Val Cys Asn Gly Ala Asp Phe
5

<210> 173

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 4-12 of the hepsin protein

<400> 173

Lys Glu Gly Gly Arg Thr Val Pro Cys
5

<210> 174

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 251-259 of the hepsin protein

<400> 174

Ser Glu Glu Asn Ser Asn Asp Ile Ala
5

<210> 175

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 256-264 of the hepsin protein

<400> 175

Asn Asp Ile Ala Leu Val His Leu Ser
5

<210> 176

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 294-302 of the hepsin protein

<400> 176

Thr Gly Trp Gly Asn Thr Gln Tyr Tyr
5

<210> 177

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 361-369 of the hepsin protein

<400> 177

Asp Ser Ile Ser Arg Thr Pro Arg Trp
5

<210> 178

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 235-243 of the hepsin protein

<400> 178
Gln Ala Val Val Tyr His Gly Gly Tyr
5

<210> 179
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 109-117 of the hepsin protein

<400> 179
Ala Gly Ala Asn Gly Thr Ser Gly Phe
5

<210> 180
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 270-278 of the hepsin protein

<400> 180
Thr Glu Tyr Ile Gln Pro Val Cys Leu
5

<210> 181
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 174-182 of the hepsin protein

<400> 181
Trp Pro Trp Gln Val Ser Leu Arg Tyr

<210> 182
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<223> Residues 293-301 of the hepsin protein

<400> 182

Val Thr Gly Trp Gly Asn Thr Gln Tyr
5

<210> 183

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 69-77 of the hepsin protein

<400> 183

Thr Glu Gly Thr Trp Arg Leu Leu Cys
5

<210> 184

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 90-98 of the hepsin protein

<400> 184

Cys Glu Glu Met Gly Phe Leu Arg Ala
5

<210> 185

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 252-260 of the hepsin protein

<400> 185

Glu Glu Asn Ser Asn Asp Ile Ala Leu
5

<210> 186

<211> 9

<212> PRT

<213> *Homo sapiens*

<220>

<223> Residues 48-56 of the hepsin protein

<400> 186

Gln Glu Pro Leu Tyr Pro Val Gln Val
5

<210> 187
 <211> 9
 <212> PRT
 <213> *Homo sapiens*

<220>

<223> Residues 102-110 of the hepsin protein

<400> 187
 Ser Glu Leu Asp Val Arg Thr Ala Gly
 5

<210> 188
 <211> 1783
 <212> DNA
 <213> *Homo sapiens*

<220>

<223> full length cDNA of hepsin

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